



**In the United States Patent and Trademark Office**

Appl. Number: 10/034,386

Filing Date: 12/27/2001

Applicant: Shattil, Steve

Appl. Title: "METHOD AND APPARATUS FOR USING FREQUENCY DIVERSITY  
TO SPATIALLY SEPARATE WIRELESS COMMUNICATION SIGNALS"

Examiner: Milord, Marceau

Art Unit: 2682

Mailed September 13, 2004

Boulder, CO 80303

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SEP 17 2004

**Technology Center 2600**

Commissioner of Patents and Trademarks

Dear Sir:

This letter is in response to the Office letter mailed on 06/09/2003. Please amend the  
claims as follows:

**Remarks: General**

1. In the Specification, the paragraph starting on page 10, line 21 was amended to correct a descriptive error that has no bearing on the claimed invention. Specifically, CI does not enable  $2M-1$  “quasi-orthogonal” signals. Rather, the described pulse positions merely illustrate a well-known aspect of the Nyquist theorem.
2. Amendments to the Claims were made to better distinguish the claimed invention over the prior art.
3. Objections to the original claims are noted. Included is a response that addresses each of the objections cited by the Examiner.